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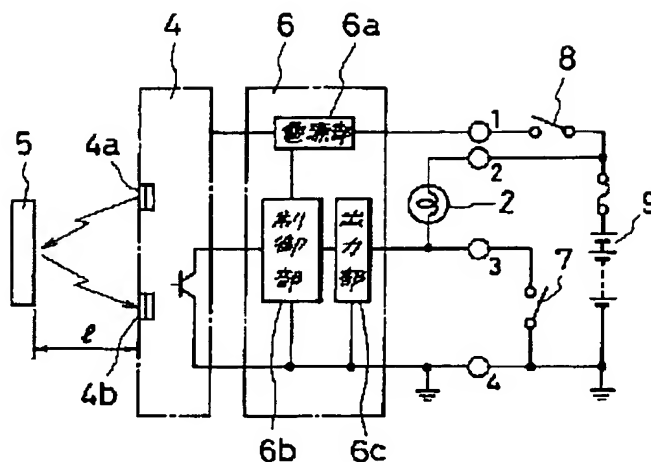
APPLICATION DATE : 07-08-95
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APPLICANT : NILES PARTS CO LTD;

INVENTOR : KUZUTANI KAZUJI;

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TITLE : ROOM LAMP CONTROL CIRCUIT FOR VEHICLE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a room lamp control circuit for vehicle which can control change-over between on and off of a room lamp quite easily and securely by detecting reflected light reflected by a reflecting body such as hand or paper when the reflecting body approaches an optical sensor up to a predetermined distance.

SOLUTION: A room lamp control circuit for vehicle is provided with an optical sensor 4 consisting of a light transmission element 4a and a light receive element 4b, a control section 6b which responds every time when the optical sensor 4 receives reflected light from a reflecting body 5 to output a pulse signal, an output section 6c which outputs a signal which is turned ON by the pulse signal of the control section 6b and is turned OFF by the next pulse signal, a power supply section 6a which supplies voltages to the optical sensor 4 and the control section 6b, and an ignition switch 8 and a room lamp 2 which are connected in series between the power supply section 6a and the output section 6c.

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